



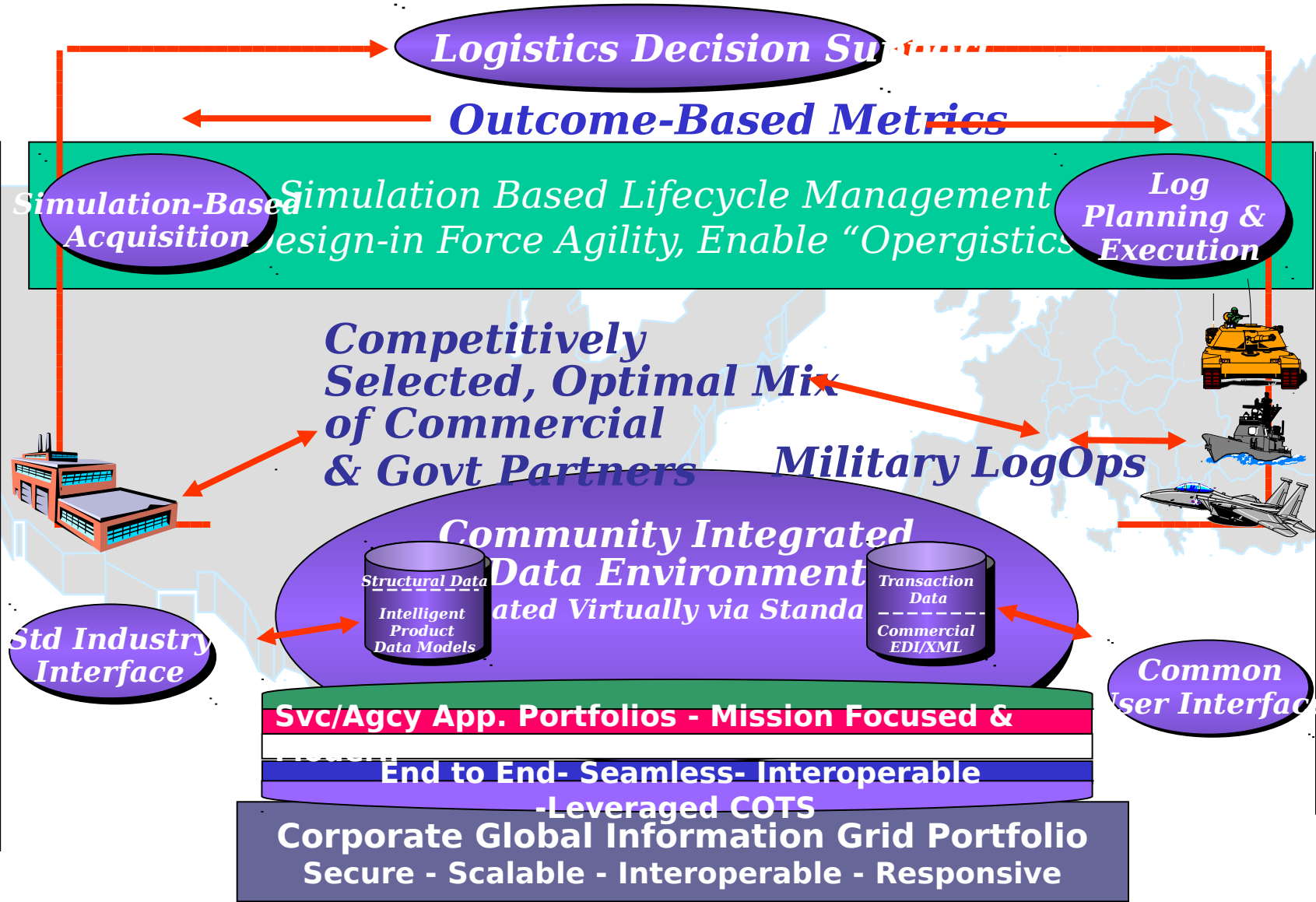
**MODERNIZING THE FOUNDATION
OF LOGISTICS SYSTEMS
Product Data (Logistics
Operations)
June 21, 2000**



Logistics Information Architecture 2006-2010

INDUSTRIAL
BASE

WARFIGHTER





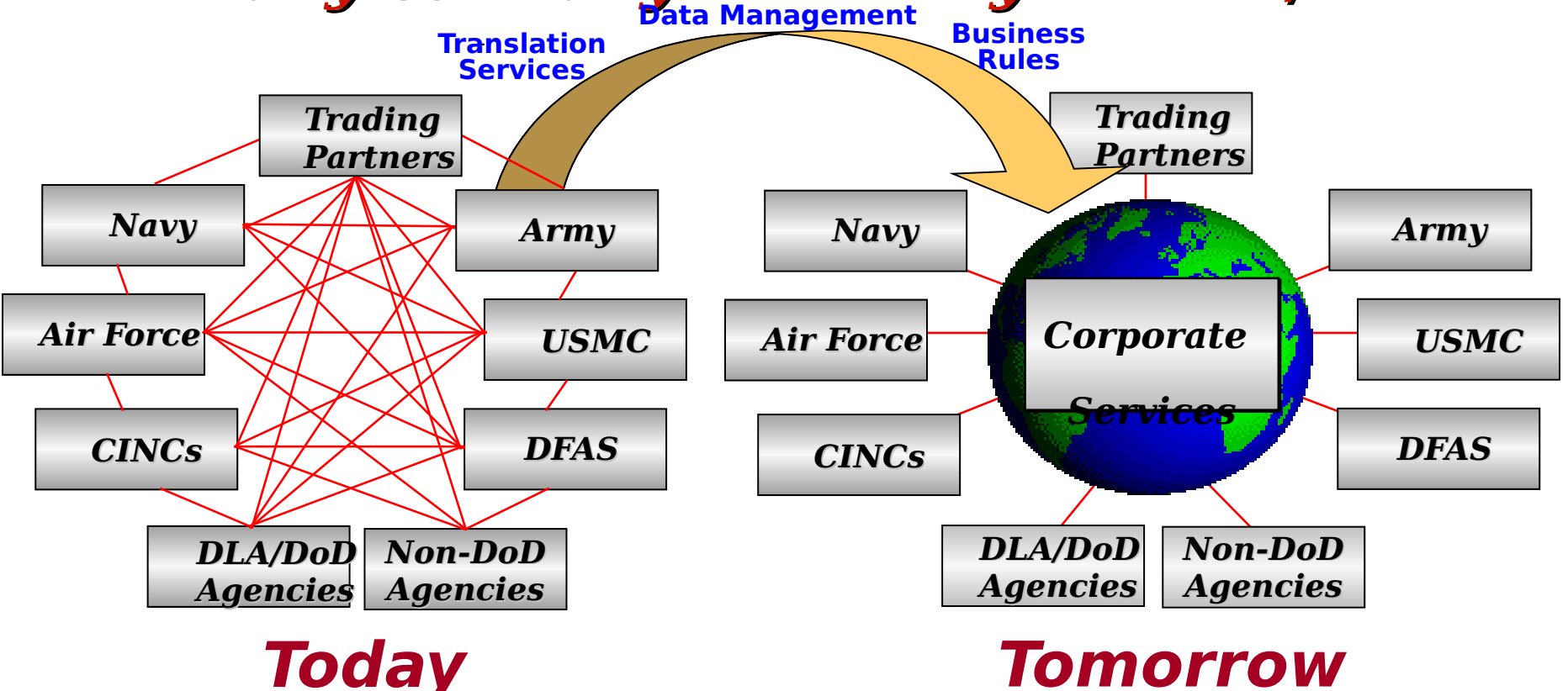
Product Data (Logistics Ops)



Shift interface burden to Corporate services

Many-to-Many

Many-to-One/One-to-M



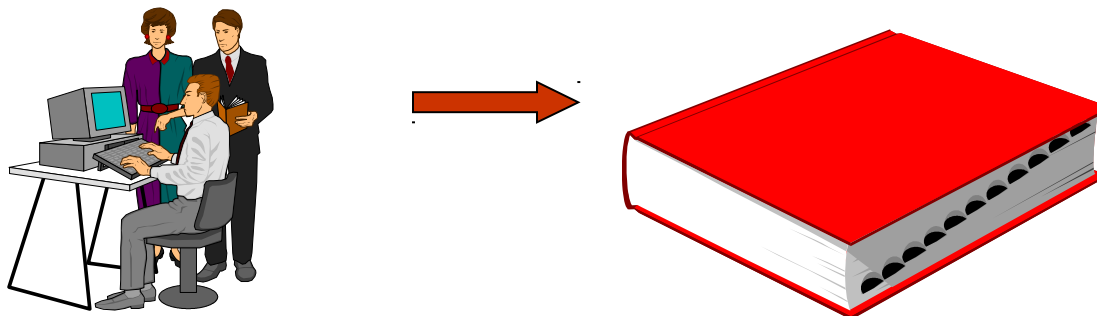
...to accelerate logistics systems modernization



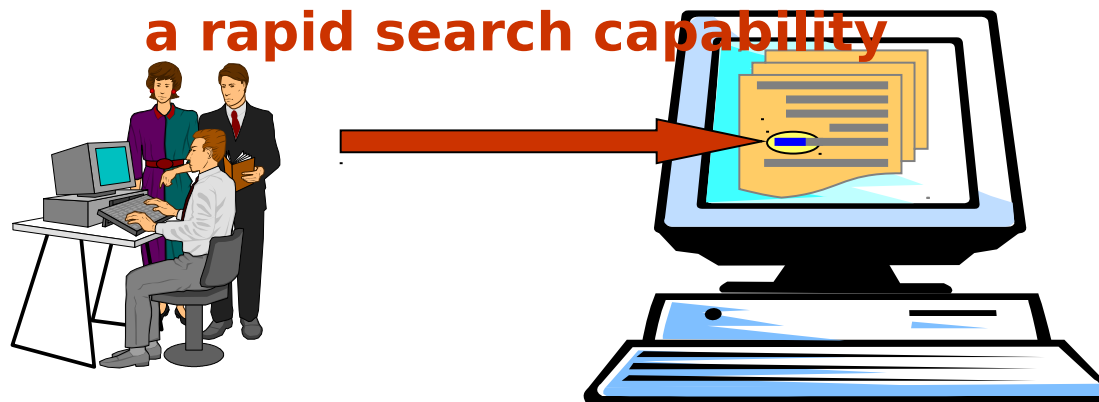
Data Access Technology eXtensible Markup Language (XML)



Today (HTML)... Allows you to "FIND THE BOOK"
NOT A SUBSTITUTE FOR EDI



Tomorrow (XML) ... Allows you to query and "FIND THE
ANSWER,"
a rapid search capability



**Flexible method for exchanging data in a web
environment**



XML Enhances Logistics Operations Data



➤ XML does not replace EDI



➤ XML is a technology that enables and extends EDI

- ✓ Enables rapid change of business processes
- ✓ Facilitates configuration management of data
- ✓ Provides **access** to models and data over

Turns transaction history into Web-accessible, actionable information

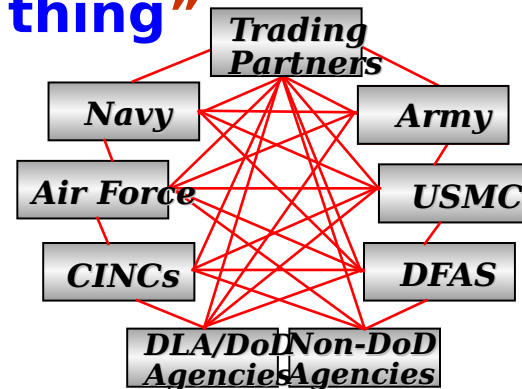


Data Management Discipline



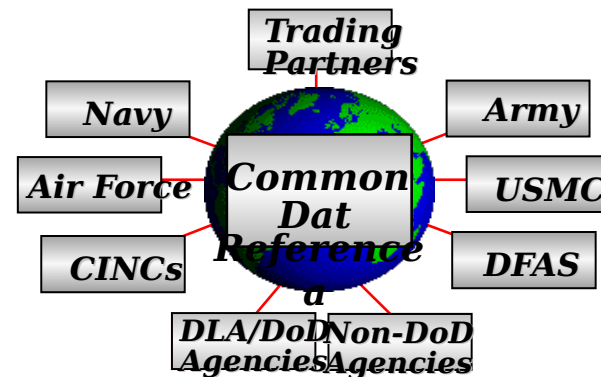
- Without ... **“Everybody doing their own thing”**

- ✓ Increases time and cost for JV2010 integration
- ✓ Slows implementation of COTS and commercial practices
- ✓ Impedes a common logistics picture for the joint warfighter



- With ... **“Centralized Corporate services approach”**

- ✓ Supports Community’s aggressive modernization
- ✓ Increases speed, lowers cost of systems integration
- ✓ Supports situational awareness





Summary



- **DRID #48**
 - ✓ Enables acceleration of system migration
- **Data Access Technology**
 - ✓ XML - provides accessible, actionable data to warfighter
- **Data Management Discipline**
 - ✓ Key enabler for interoperability
- **Logistics Operations Data**
 - ✓ Important
 - ✓ Achievable
 - ✓ Action-oriented
- **Wide support for translation, business rules and data management, especially data management. Other comments:**
- **Need to synchronize POA&M with higher level timeframes**
- **Fixing data management should precede other investments**
- **POA&M was light on data management specifics**
- **Any DLA POM issue for e-commerce should address data management requirements**
- **Post-LFSG Observation: LIB members must ensure their Components are adequately, competently involved with Logistics FDAD**



Log Ops

“Transactional” Data Update



DRID #48

Enables migration to commercial standards

- **IPT charter revised to address LFSG issues**
 - **Draft being staffed with stakeholders**
- **Draft charter/transitioning IPT to be discussed at June 21 IPT meeting**

Data Access Technology

Provides accessible, actionable data

- **Developing CONOPs for applying XML framework to EDI**
- **XML Transition to coincide with Logistics Strategic Plan**
- **Working toward Community Integrated Data Environment**

Data Management Discipline

Key enabler for interoperability

- **Working DLA response to May 11 DUSD(L) memo**
 - **Draft charter, implementation plan to reinvigorate logistics data management**
- **Continuing work with USTRANSCOM on reference tables**
- **Working Policy issues with CIO - DoD 8320.1 Policy**



LFSG Schedule

**MARCH
27**

PRODUCT DATA (SYSTEM STRUCTURE)

**APRIL
28**

ASSURED INFORMATION INFRASTRUCTURE

**MAY
19**

PRODUCT DATA (LOGISTICS OPS)

**July 13
--monthly
thereafter**

- **LOGISTICS PORTFOLIO MANAGEMENT**
- **Review all against POA&M**



Back-Up Slides



***Update to DRID #48 IPT
June 21, 2000***

**Logistics Foundation Steering
Group**

May 19, 2000



Agenda



- **Introduction**
- **Product Data (Logistics Operations)**
- **Update on Other Foundation Elements**
 - ✓ **Product Data (Systems Structure)**
 - ✓ **Assured Information Infrastructure**
- **Wrap Up**



MODERNIZING THE FOUNDATION OF LOGISTICS SYSTEMS

Product Data (Logistics Operations)

May 19, 2000

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Building the Logistics Future



**PROJECT AND SUSTAIN
THE FORCE**

JOINT LOGISTICS / WARFIGHTING APPLICATIONS

ARMY LOGISTICS APPLICATIONS

USMC LOGISTICS APPLICATIONS

NAVY LOGISTICS APPLICATIONS

AIR FORCE LOGISTICS APPLICATIONS

DLA LOGISTICS APPLICATIONS

DM LOGISTICS APPLICATIONS

Today

GOVERNANCE PROCESS

PRODUCT DATA (System Structure and *Logistics Ops*)

ASSURED INFORMATION INFRASTRUCTURE



Outline



- **DRID #48 - Adoption of Commercial EDI Standards for DoD Logistics Business Transactions**
- **Data Access Technology**
 - ✓ **eXtensible Markup Language (XML)**
- **Data Management Discipline**
- **Plan of Actions and Milestones (POA&M)**



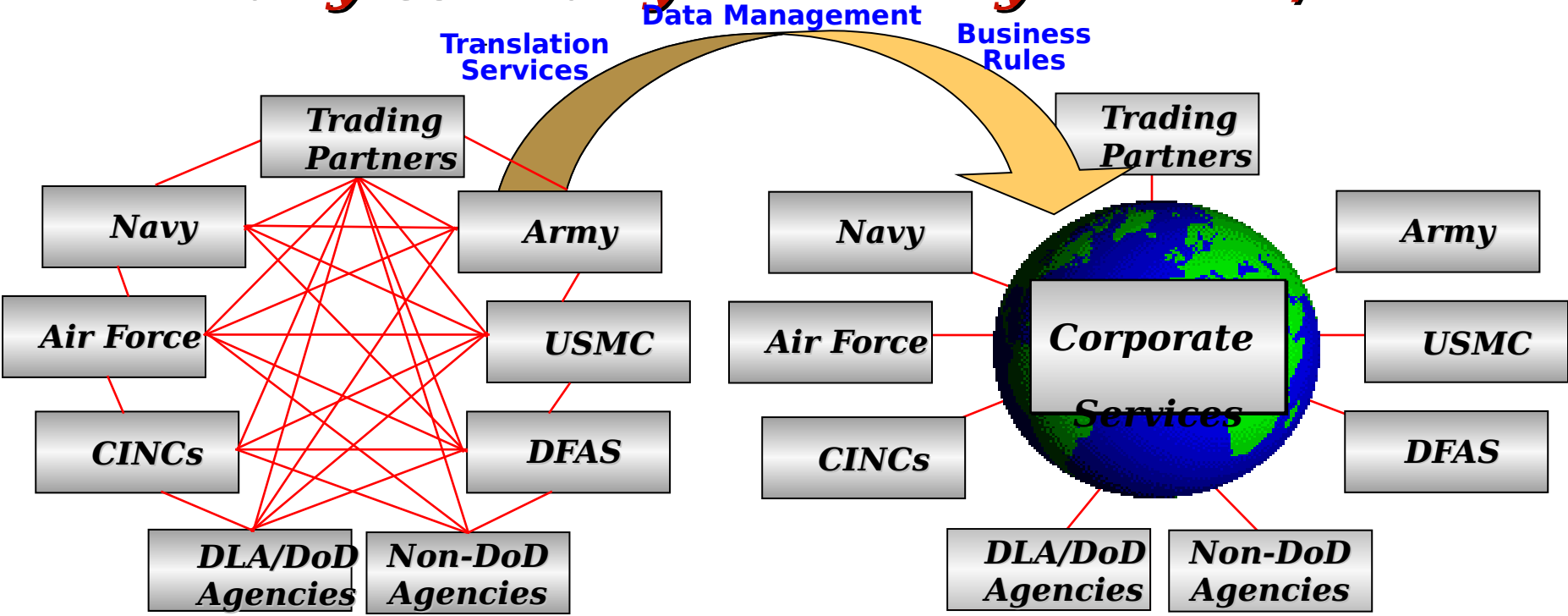
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Today

Tomorrow

...to accelerate logistics systems modernization



DRID #48

(Logistics Migration to Commercial EDI Standards)



- **What?...** Moves DoD from military unique to commercial data exchange standards and reinvigorates community information services
- **Why?...** Removes key barrier to adopting COTS solutions and eases interactions internally and with commercial providers
- **How?...** Implements standards and services as part of overall modernization

Accelerating the rate of change



EDI Migration Paths

Today **Near-Term** **Future**
(3-5 Years) **(>5 Years)**

Characteristics of

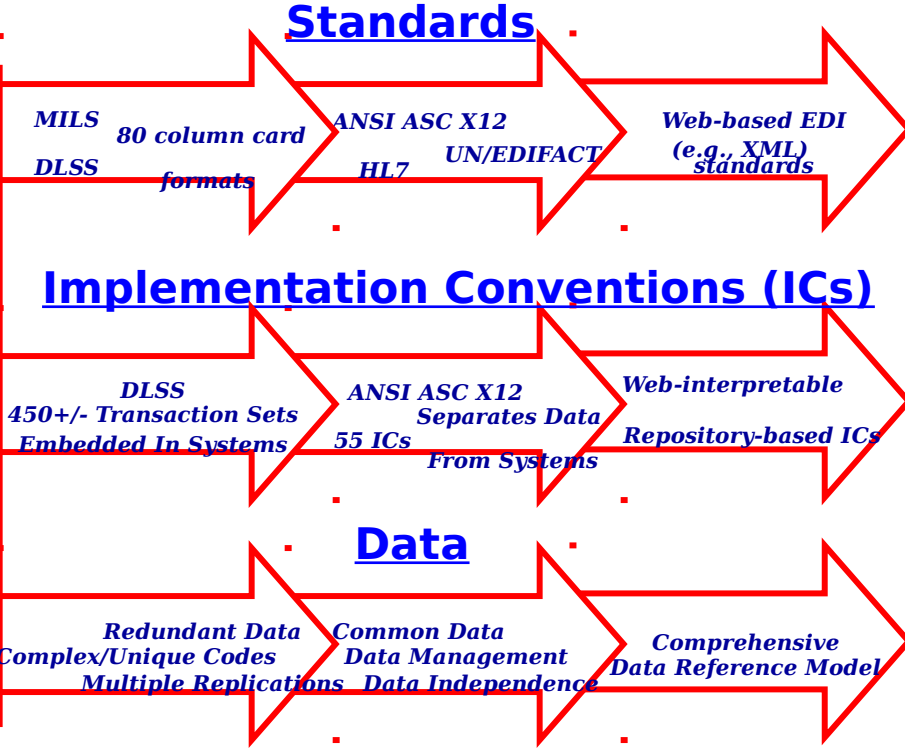
Characteristics of

DoD-Unique

- ✓ **Business Practices**
- ✓ **Systems**
- ✓ **Data**
 - **Interfaces**
 - **Data Elements**
 - **Codes**

Open International
(Commercial)

- ✓ **Best Business Practices**
- ✓ **Commercial Off-The-Shelf Software**
- ✓ **Shared / Integrated Data**
 - **Standard Interfaces**
 - **Standard Data Elements**
 - **Standard Codes**



Pace of standards, ICs, and data must be synchronized



Logistics Operations Data Status



Dec 1998: DRID 48...directed implementation of commercial standards

Sep 1999: USD(AT&L) Memo...issued guidance and policy

Mar 2000: DUSD(L) Memo...limited changes to DLSS/MILS

Apr 2000: Corporate-level EDI Implementation Plan...published DoD wide plan to migrate to commercial standards

May 2000:

DoD EDI policy Directive 8190.1...implements Logistics EDI policy
Defense Logistics Data Administration Policy Memo...reinvigorates
Logistics data administration process

Oct 2000: Service & Agency Implementation Plans due to DLMSO...

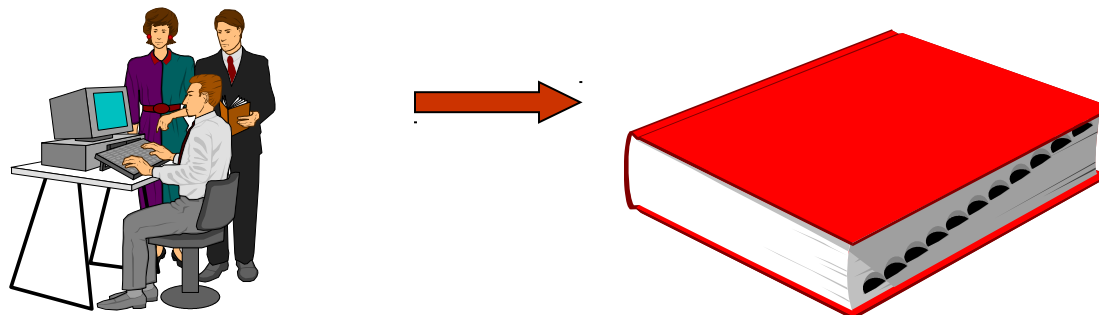
**Service/Agency major modernization programs
in compliance with DRID #48**



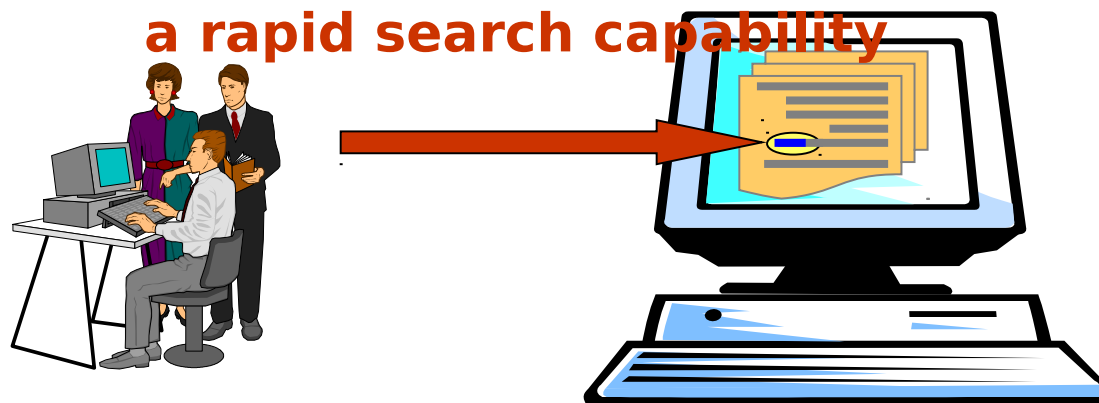
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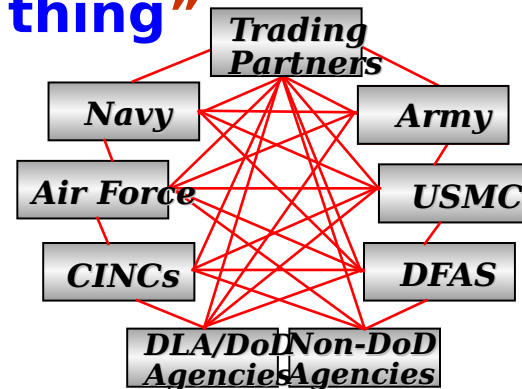


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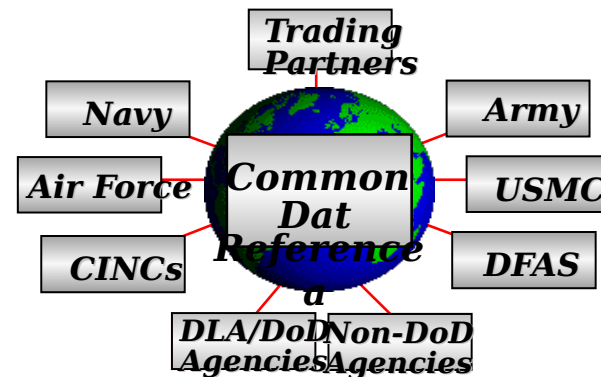
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Current Data Challenge

Example- Reference Tables



- There is no defined process for implementing DoD data standards
- As a result, systems are not using standard reference tables for common look-up data, such as country code, airport code, etc
- Unsynchronized reference tables degrading Defense Transportation System (DTS) performance
- Interim solution at TRANSCOM (creation of a “DTS Reference Table Steward to manage/synchronize reference tables across multiple systems) resolves problem on a table-by-table, system-by-system basis
- But feeder systems and reference tables external to DTS are a large part of the problem. DTS Steward

**Data implementation process requires
Community involvement**



POA&M



- **Jul '00 - Issue Policy**
 - ✓ Reinvigorate Logistics Operations Data management efforts
 - ✓ DLA eBusiness Office manage business rules for data exchange regardless of medium
- **Aug '00 - Transition IPT** (established under DRID #48)
 - ✓ Assist Components with building their implementation plans
 - ✓ Harmonize / deconflict Component implementation plans
 - ✓ Chart the way ahead, including corporate process reinvigoration
 - ✓ Develop ConOps for XML framework applied to EDI
- **Sep '00 - Infuse industry best practices** into DoD data management process
 - ✓ Streamline strong configuration management process
 - ✓ Partner with industry to influence industry standards
 - ✓ Participate in industry activities (eBusiness)

eBusiness is in place and postured to execute



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